

Amendments to the Specification:

Please replace the paragraph, beginning at page 50, line 4, with the following rewritten paragraph:

In the above described embodiments, the optical head apparatus 55 including the focus driving apparatus 171 corresponds to the moving means of the present invention, the objective lens 131 corresponds to the objective lens of the present invention and the electric circuit 53 corresponds to the control means of the present invention. Furthermore, the slice level voltage such as the slice level voltage H, G used for the first detection of a focus error signal in S4 corresponds to the first slice level voltage of the present invention, the slice level voltage such as the slice level voltage H, G used for the second detection of a focus error signal during approaching movement in S6 corresponds to the ~~second~~third slice level voltage of the present invention, the slice level voltage such as the slice level voltage H, G used for the second detection of a focus error signal during backward movement corresponds to the ~~third~~second slice level voltage of the present invention. Furthermore, the slice level voltage such as slice level voltage H_{high} , G_{low} used in Embodiment 4 corresponds to the fourth slice level voltage of the present invention. Furthermore, the personal computer 100, optical disk recorder 110 and optical disk server 130 provided with the optical information apparatus 67 correspond to the optical information reproducing apparatus, optical information recording apparatus and optical information recording/reproducing apparatus, and the optical disk player 77 corresponds to the optical information reproducing apparatus of the present invention.

Please delete the paragraph, beginning at page 52, line 15:

~~Furthermore, a mode of use of the program of the present invention may also be a mode in which the program is transmitted through a transmission medium, read by a computer and operates in cooperation with the computer.~~